

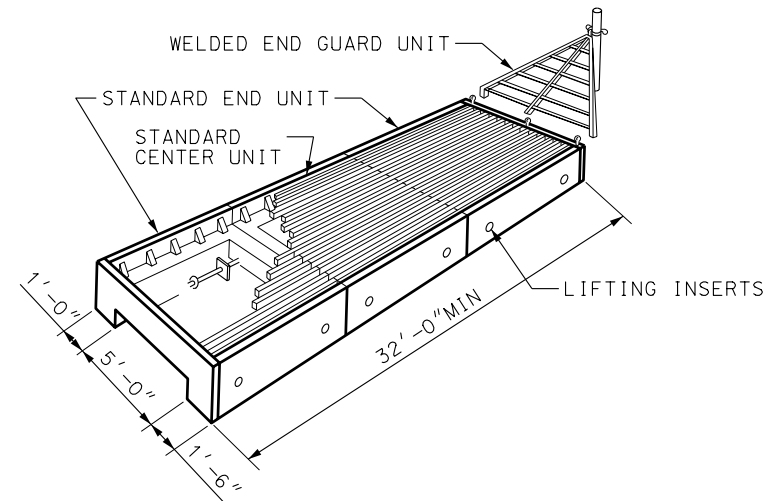
WELDED END GUARD UNIT
WT.W/BOLTS, U-CLAMP AND
PIPE POST 115 LBS
(2 REQUIRED)

NOTES:

1. USE COATED DEFORMED-BILLET REINFORCING STEEL BARS CONFORMING TO AASHTO M 284 OR M 111 AND M 31 GRADE 60.
2. USE STRUCTURAL STEEL CONFORMING TO AASHTO M 270 GRADE 36 AND GALVANIZE AFTER FABRICATION IN ACCORDANCE WITH AASHTO M 111 (ASTM A 123)
3. SUB-EXCAVATE SOIL 2'-0" AND BACKFILL WITH GRANULAR BACKFILL BORROW AND COMPACT.
4. ANY MODIFICATION REQUIRES APPROVAL.
5. USE CONCRETE CLASS AA(AE)

DESIGN DATA

HS-20 LOADING IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATION
f_c= 1400 psi
f_s= 2,400 psi (REINFORCING STEEL)
f_s= 20,000 psi (STRUCTURAL STEEL)
n=8



REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL

CHAIRMAN STANDARDS COMMITTEE
APPROVED

DEPUTY DIRECTOR

JULY 03,2002
DATE

JULY 03,2002
DATE

NO.

DATE

APPR.

REMARKS

WELDED END
GUARD UNIT

STANDARD DRAWING TITLE

STD DWG
SW 1A